

Application No.: 10/020,401

Docket No.: 21547-00287-US

AMENDMENTS TO THE CLAIMS

Claims 1-10 (canceled).

11. (Currently amended) An elongate support element for a replacement structure for the human body, the support element comprising:

plural seats penetrating a surface on the elongate support element and enabling the support element to be applied to implants and/or to spacers on said implants, center axes of each of the seats connecting with center axes of the implants to meet a fixed accuracy of fit requirement,

wherein the support element comprises a homogeneous material, and

wherein a wall of each of the plural seats comprises the homogeneous support element material, and

wherein the plural seats are arranged to prevent communication between the surface on the elongate support element and an opposing surface on the elongate support element through the plural seats.

12. (Previously presented) An elongate supporting element according to Claim 11, wherein each seat wall has a surface ground in the homogeneous material.

13. (Previously presented) An elongate support element according to Claim 11, wherein a material strength around each seat has essentially a same material strength as a remaining portion of the support element material.

14. (Previously presented) An elongate support element according to Claim 11, wherein each seat wall comprises the support element material,

said each seat wall being free of intermediate layers of material compositions and material alterations.

15. (Previously presented) An elongate support element according to Claim 11, wherein each seat wall comprises material having a same chemical composition as a remaining portion of the support element material.

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16. (Currently amended) A method for producing ~~a support element and installing a tooth replacement structure~~, the method comprising:

forming at least one recess directly in a blank material ~~in conjunction with the production of a dental product from the blank material in using~~ milling equipment to form a support part from the blank material,

wherein said forming at least one recess avoids forming a through hole in the blank material; and

applying the support part to implants or spacers on implants using said at least one recess as a seat in the support part product, wherein ~~said product is a support element included in a tooth replacement structure, and~~ the seat meets set accuracy of fit requirements for application to the implants or spacers located in the human body and/or to spacers on said implants; and

applying tooth replacement material to the support part.

17. (Currently amended) Method according to Claim 16, wherein said seat is formed in the ~~support element~~ blank material using milling equipment which is fed milling coordinates information in the form of milling coordinates data, provided by computer equipment and derived from identification data and supplementary data fed to the computer equipment.

18. (Currently amended) Method according to Claim 16, wherein said seat is formed in said ~~support element~~ blank material using milling equipment which is fed integrated milling data relating to the support element ~~design and the seat design and the seat positions in the support element.~~

19. (Previously presented) The method of claim 16, wherein said forming at least one recess avoids a need for the presence of any seat material which is not integral with the blank material.